

Storm Data and Unusual Weather Phenomena - March 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Panhandle				
(OK-Z003) BEAVER				
	03/11/24 14:21 CST	0		Wildfire
	03/13/24 23:59 CST	0		
A wildfire, caused by human, occurred on March 11th about 7 miles northwest of Beaver, OK. The wildfire burned about 674 acres.				
TEXAS, North Panhandle				
(TX-Z001) DALLAM				
	03/03/24 12:02 CST	0		High Wind (MAX 51 kt)
	03/03/24 12:03 CST	0		
Breezy west winds were present during the morning through early afternoon of the of the 3rd, especially for the western combined Oklahoma and Texas Panhandles into eastern portions of NM and CO. Westerly winds were sustained around 30 to 40 mph with winds peaking between 1000CST and 1230CST. Gust were maxing out around 55 mph. However, the WT mesonet located near Texline, TX measured a couple of gusts from 58 to 59 mph.				
DONLEY COUNTY --- 1.8 WSW CLARENDON [34.92, -100.93]				
	03/24/24 13:32 CST	0		Thunderstorm Wind (MG 58 kt)
	03/24/24 13:32 CST	0		Source: Mesonet
GRAY COUNTY --- 9.6 W ALANREED [35.23, -100.90]				
	03/24/24 13:40 CST	0		Thunderstorm Wind (MG 56 kt)
	03/24/24 13:40 CST	0		Source: Mesonet
OCHILTREE COUNTY --- 7.2 SSW FARNSWORTH [36.18, -101.00], 6.5 S FARNSWORTH [36.19, -100.99]				
	03/24/24 13:43 CST	0		Tornado (EFU, L: 0.73 mi , W: 30 yd)
	03/24/24 13:45 CST	0		Source: NWS Storm Survey
This tornado was photographed and filmed by multiple sources. It remained in a field and resulted in no known damage.				
OCHILTREE COUNTY --- 4.8 S PERRYTON [36.33, -100.81], 3.3 S PERRYTON [36.35, -100.79]				
	03/24/24 13:58 CST	5K		Tornado (EF1, L: 1.59 mi , W: 100 yd)
	03/24/24 14:11 CST	0		Source: NWS Storm Survey
The tornado developed in a field to the south of County Road M. It then crossed County Road M, where it snapped three power poles and overturned a portion of an irrigation pivot. The tornado then crossed Highway 83 where it caused loss of roofing material to a roundtop quonset. As the tornado continued to track to the northeast, it threw mud on several power poles and deposited debris along County Road L. The tornado tracked northeast before dissipating in a field. Video footage exists that confirms this tornado was rather wide and possibly had multiple vortices.				
OCHILTREE COUNTY --- 0.9 SW PERRYTON [36.39, -100.81]				
	03/24/24 14:04 CST	0		Hail (1.00 in)
	03/24/24 14:04 CST	0		Source: Law Enforcement
OCHILTREE COUNTY --- 1.4 S PERRYTON [36.38, -100.80]				
	03/24/24 14:04 CST	0		Hail (1.75 in)
	03/24/24 14:04 CST	0		Source: Public
OCHILTREE COUNTY --- 2.2 SW PERRYTON [36.38, -100.83]				

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	03/24/24 14:05 CST		0	Hail (1.00 in)
	03/24/24 14:05 CST		0	Source: Fire Department/Rescue

OCHILTREE COUNTY --- 2.8 S PERRYTON [36.36, -100.79], 2.0 S PERRYTON [36.37, -100.80]

	03/24/24 14:05 CST		0	Tornado (EF0, L: 0.72 mi , W: 30 yd)
	03/24/24 14:07 CST		0	Source: NWS Storm Survey

This brief tornado touched down shortly after the first tornado as the mesocyclone occluded. Damage to a barn included loss of a door and some lifted roof panels near County Rd K, with additional damage to the Ochiltree Hospital where shingles and some roof material were blown off just before the tornado lifted.

WHEELER COUNTY --- 1.1 NW SHAMROCK [35.23, -100.27], 1.1 NW SHAMROCK [35.23, -100.26]

	03/24/24 14:17 CST		8K	Tornado (EF1, L: 0.18 mi , W: 25 yd)
	03/24/24 14:18 CST		0	Source: NWS Storm Survey

This quick, brief tornado touched down to the north of I-40. Spotters had reported a funnel cloud had crossed I-40, but no damage was noted. The tornado caused damage to the Dalton O Gorman Rodeo Arena. Here it caused roof damage where a large section of the eastern half of the roof was blown off and the south facing wall was blown down. No other damage occurred in this area so it is believed to be a narrow path. The tornado lifted soon thereafter.

GRAY COUNTY --- 1.3 ENE MC LEAN [35.24, -100.58]

	03/24/24 14:41 CST		0	Thunderstorm Wind (MG 53 kt)
	03/24/24 14:41 CST		0	Source: Mesonet

OCHILTREE COUNTY --- 1.4 S PERRYTON [36.38, -100.80]

	03/24/24 14:47 CST		0	Hail (1.75 in)
	03/24/24 14:47 CST		0	Source: Public

Lingering surface moisture collected along a dryline which eventually lead to the formation of some general thunderstorms in a North/South line from Panhandle to Borger to Guymon. This eventually reached an environment of better shear and instability in the eastern 2 stacks of counties in the TX panhandle plus Beaver County in OK leading to intensification of the storms. A few of these storms became strong with up to 1/2" hail. Storms strengthened further and became severe producing 1" hail and winds up to 70 mph. Reports were heard that tornados were occurring thus tornado warning were issued for Perryton area, Shamrock/Wheeler area, and E of Lutie. Once the dryline passed the surface relative humidity dropped quickly with gusty winds spreading east across the rest of the Panhandles. This kept critical fire conditions in place across the rest of the Panhandles with severe storms exiting to the east. The strong winds associated with this system did pull in a significant amount of dust and pushed into the southern TX Panhandle.